

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/044318 A1

(51) International Patent Classification⁷: A61L 9/00,
9/12, 9/04, A01M 1/20, 13/00

(21) International Application Number:
PCT/CH2004/000647

(22) International Filing Date: 28 October 2004 (28.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/518,842 10 November 2003 (10.11.2003) US

(71) Applicant (for all designated States except US): GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, CH-1214 Vernier (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MCGEE, Thomas [US/US]; 34 Village Gate Way, Nyack, New York 10960 (US). SGARAMELLA, Richard, P. [US/US]; 1036 Garden Street, Hoboken, New Jersey N.J. 07030 (US).

(74) Agent: MCSTEAN, John, Anthony; Ueberlandstrasse 138, CH-8600 Dübendorf (CH).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DISSEMINATION APPARATUS

(57) Abstract: An apparatus for disseminating volatile liquid such as fragrance or insecticide into an atmosphere from a reservoir, the transfer to atmosphere being at least partially achieved by means of a transfer member having external capillary channels. The volatile liquid is one in which at least 30% by weight of the materials therein have a molecular weight of 175 maximum, and which has a surface tension of less than 40 dynes/cm. The transfer member is of plastics material having a surface energy of less than 45 dyne/cm. The combination allows for particularly efficient dissemination.

WO 2005/044318 A1